

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered). Please AMEND claims * and ADD new claims * in accordance with the following:

1. **(ORIGINAL)** An injection molding machine having a plurality of parts to be lubricated, comprising:

- a centralized lubrication device for feeding lubricant to the plurality of parts through a pipe system;
- a sensor provided in the pipe system of said centralized lubrication device, for detecting a flow rate or a pressure of the lubricant;
- storing means for storing the flow rate or the pressure detected by said sensor at predetermined intervals; and
- display control means for reading the flow rate or pressure stored by said storing means and displaying the read flow rate or pressure of the lubricant on a display device in the form of a graph in time series with time elapsed from a start of the lubrication.

2. **(ORIGINAL)** An injection molding machine according to claim 1, further comprising setting means for setting a relation between the time elapsed from the start of the lubrication and the parts to be lubricated,

wherein said display control means displays the read flow rate or the pressure of the lubricant on the display device with the parts to be lubricated to be associated with the time elapsed from a start of the lubrication.

3. **(ORIGINAL)** An injection molding machine having a plurality of parts to be lubricated, comprising:

- a centralized lubrication device for feeding lubricant to the plurality of parts through a pipe system;
- a sensor provided in the pipe system of said centralized lubrication device, for detecting

a flow rate or a pressure of the lubricant;

storing means for storing the flow rate or pressure detected by said sensor at predetermined intervals;

reference data storage means for storing, as reference data, values of the flow rate or the pressure of the lubricant stored by said storing means with time elapsed from a start of the lubrication when a normal lubrication is performed by said centralized lubrication device;

comparison means for comparing the flow rate or the pressure of the lubricant detected by said sensor with the reference data stored in said reference data storage means from the start of the lubrication to determine an abnormality of lubrication; and

informing means for issuing a notice of abnormality when said comparison means determines an abnormality of lubrication.

4. **(ORIGINAL)** An injection molding machine according to claim 3, further comprising setting means for setting relation between the time elapsed from the start of the lubrication and the parts to be lubricated,

wherein said informing means informs an indication on a part to be lubricated having an abnormality of lubrication based on time when said comparison means determines an abnormality of lubrication and the relation set by said setting means.

5. **(CURRENTLY AMENDED)** An injection molding machine according to claim 3~~[[or 4]]~~, wherein a reference range is set on the reference data by said setting means and said comparison means determines an abnormality of lubrication when the flow rate or the pressure detected by said sensor deviates from the reference range.

6. **(NEW)** An injection molding machine according to claim 4, wherein a reference range is set on the reference data by said setting means and said comparison means determines an abnormality of lubrication when the flow rate or the pressure detected by said sensor deviates from the reference range.